

FIG.1  
 (PRIOR ART)

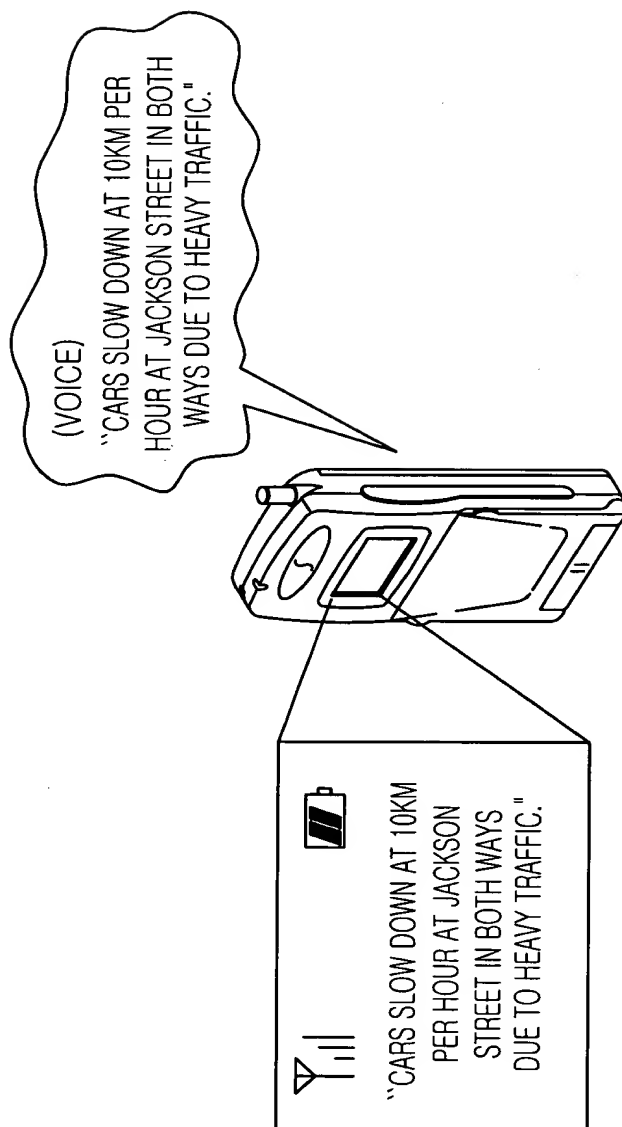


FIG.2  
(PRIOR ART)

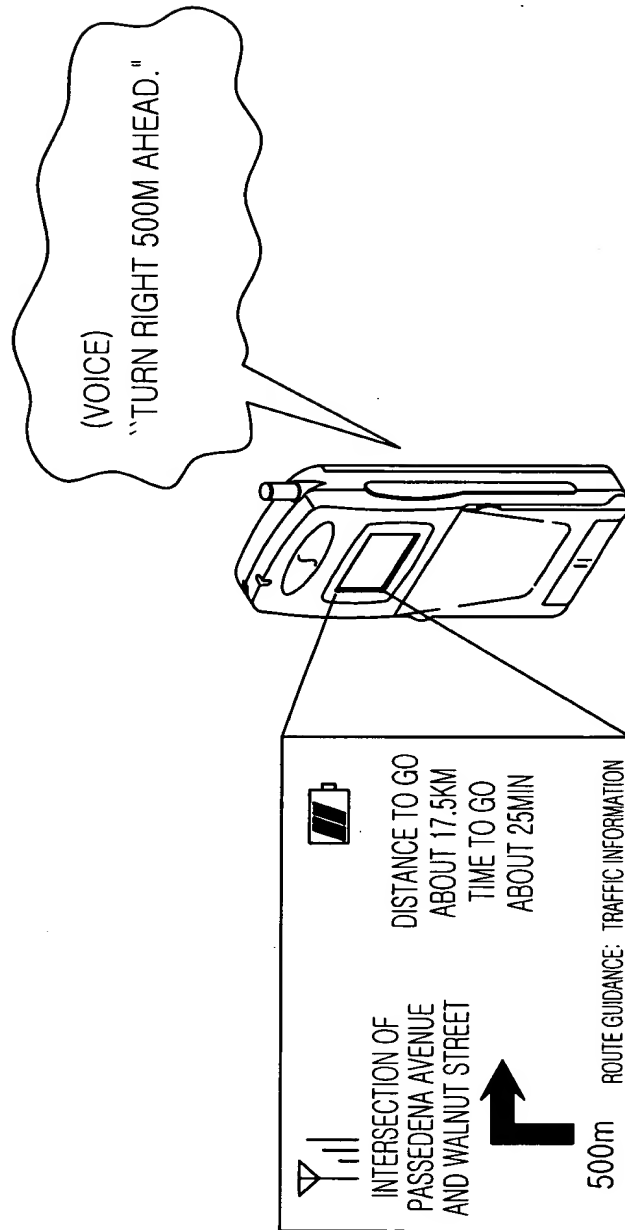


FIG.3



4/31

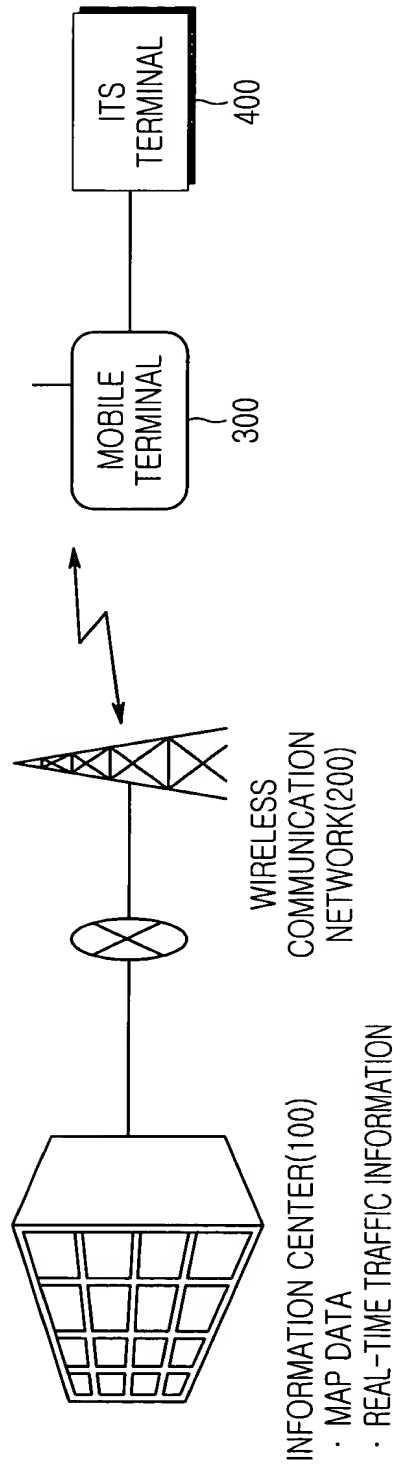


FIG.4



5/31

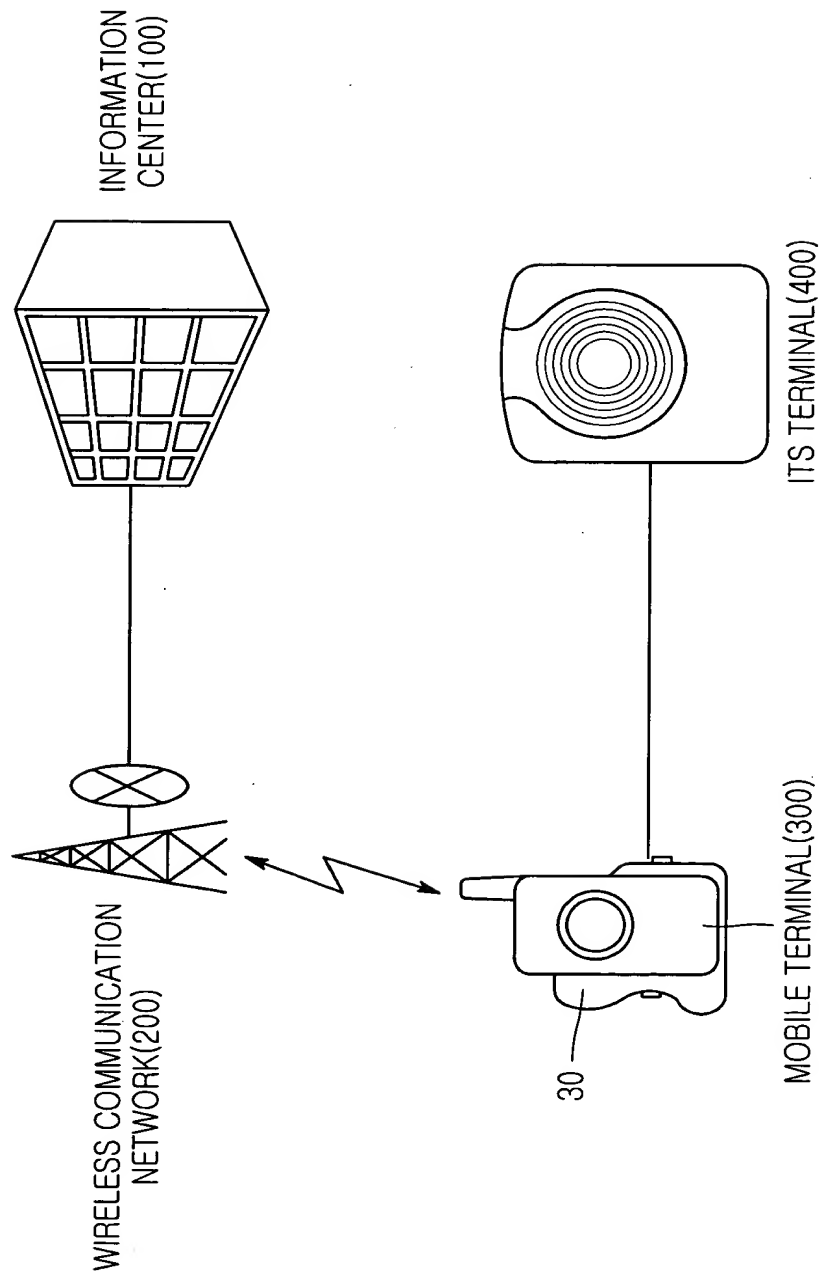


FIG.5

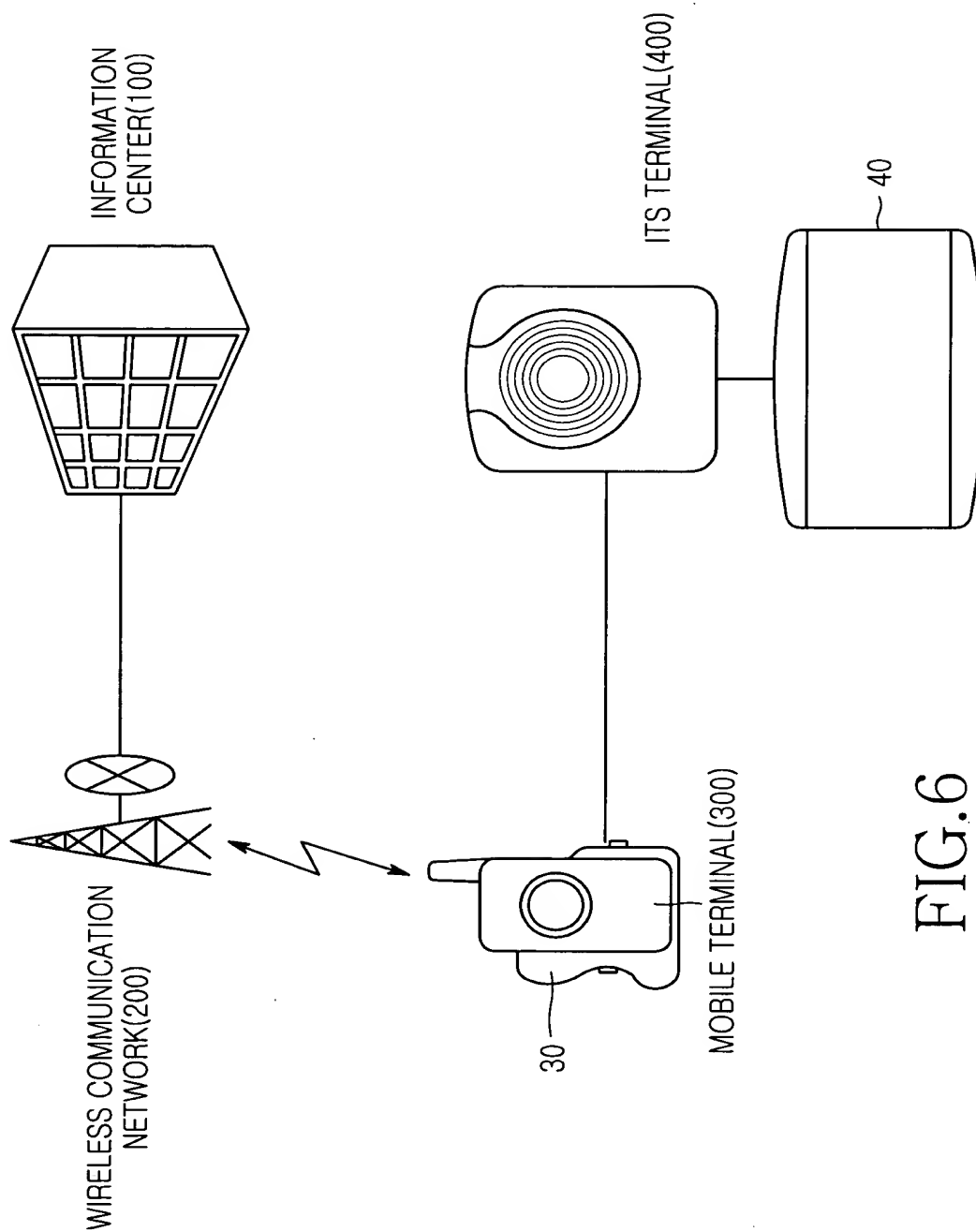


FIG.6

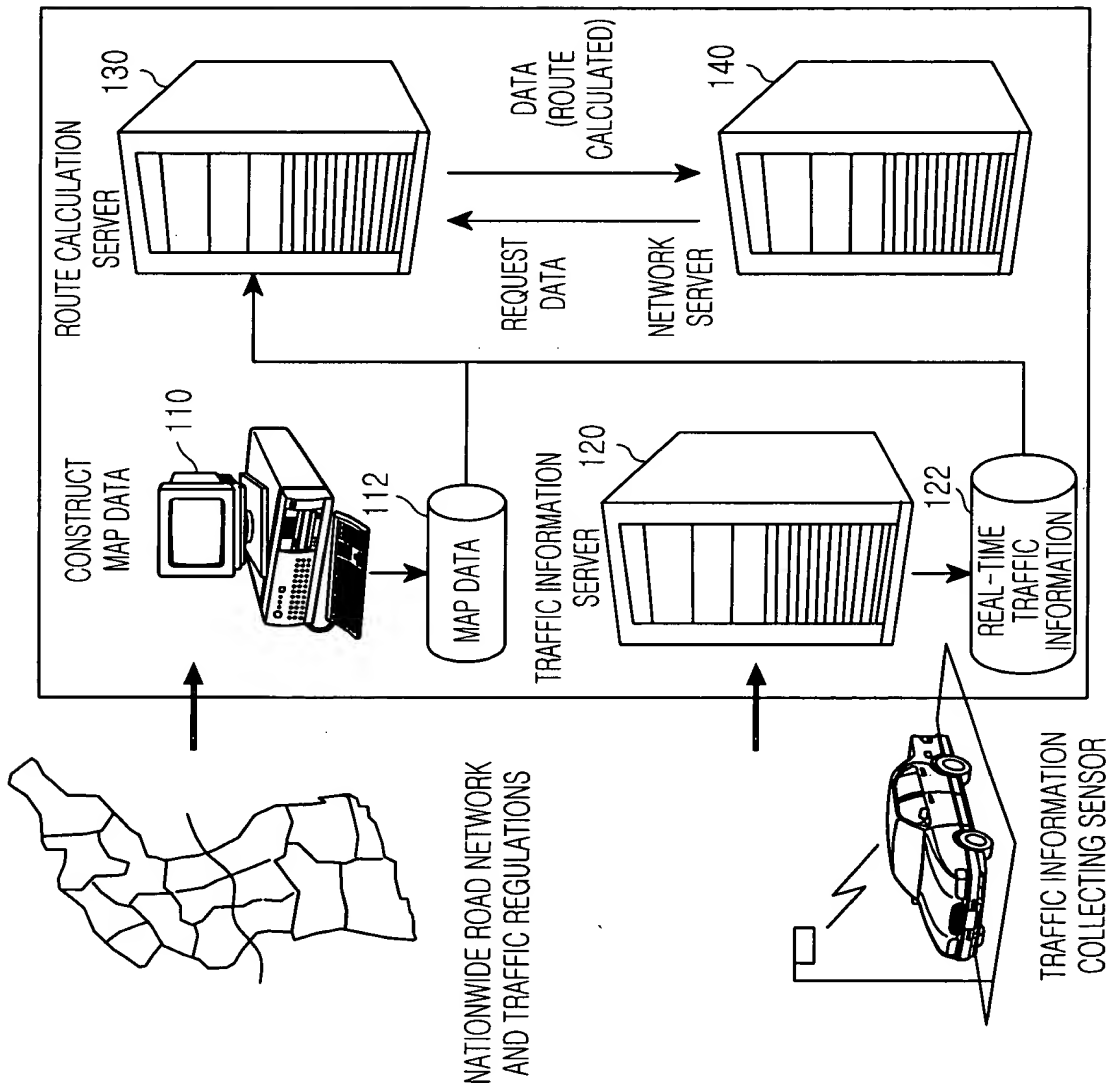


FIG. 7

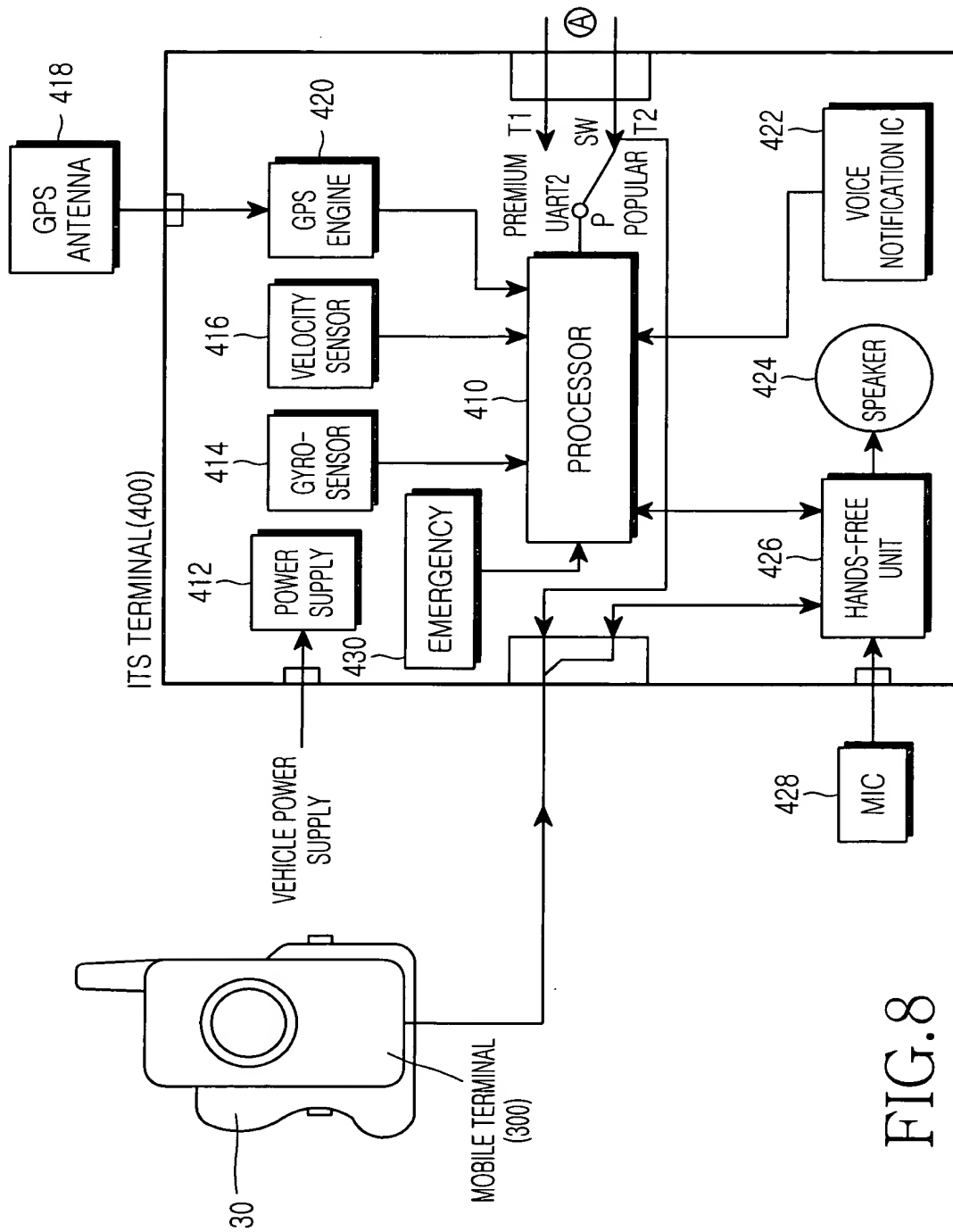


FIG.8



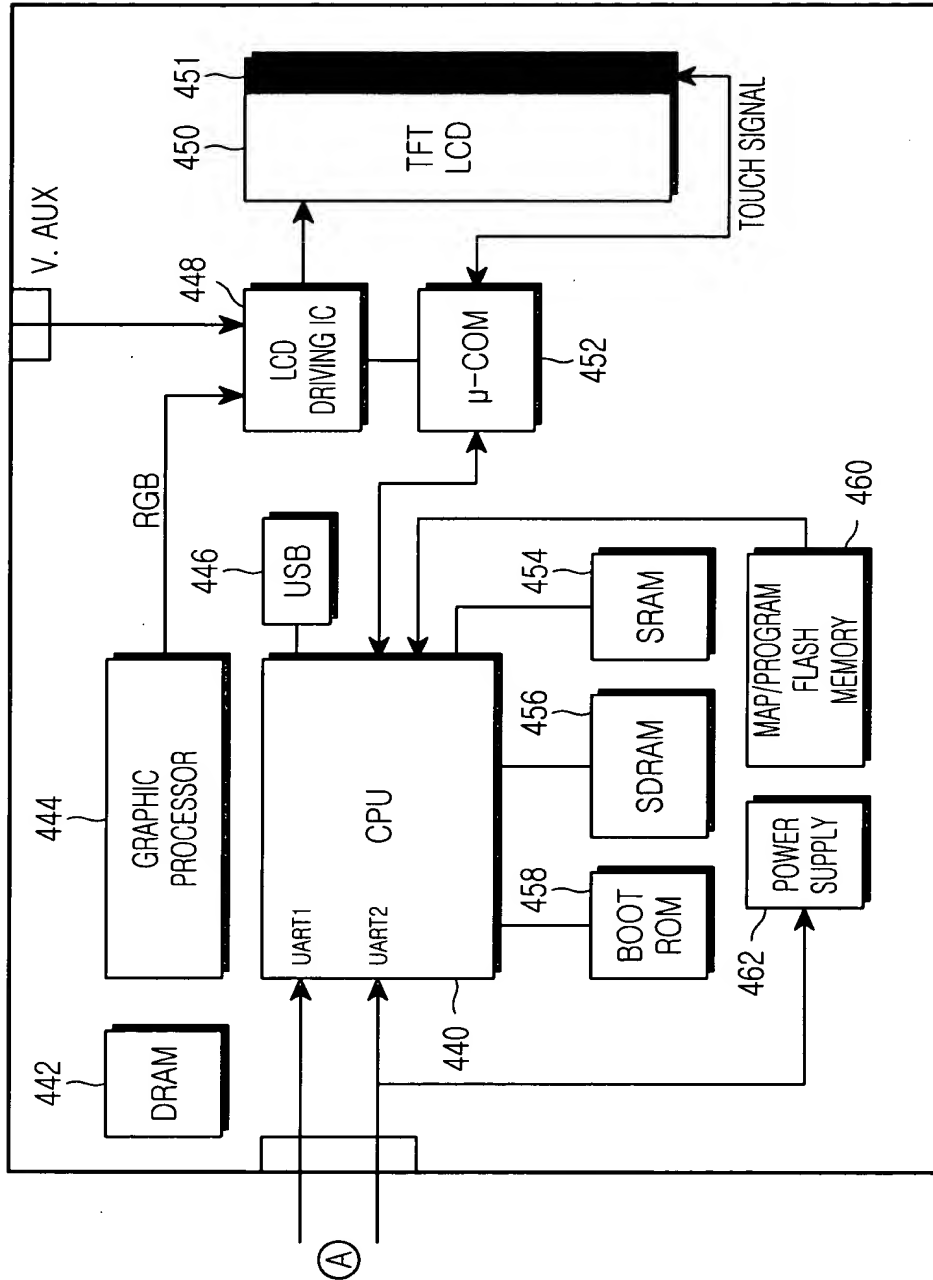


FIG.9



10/31

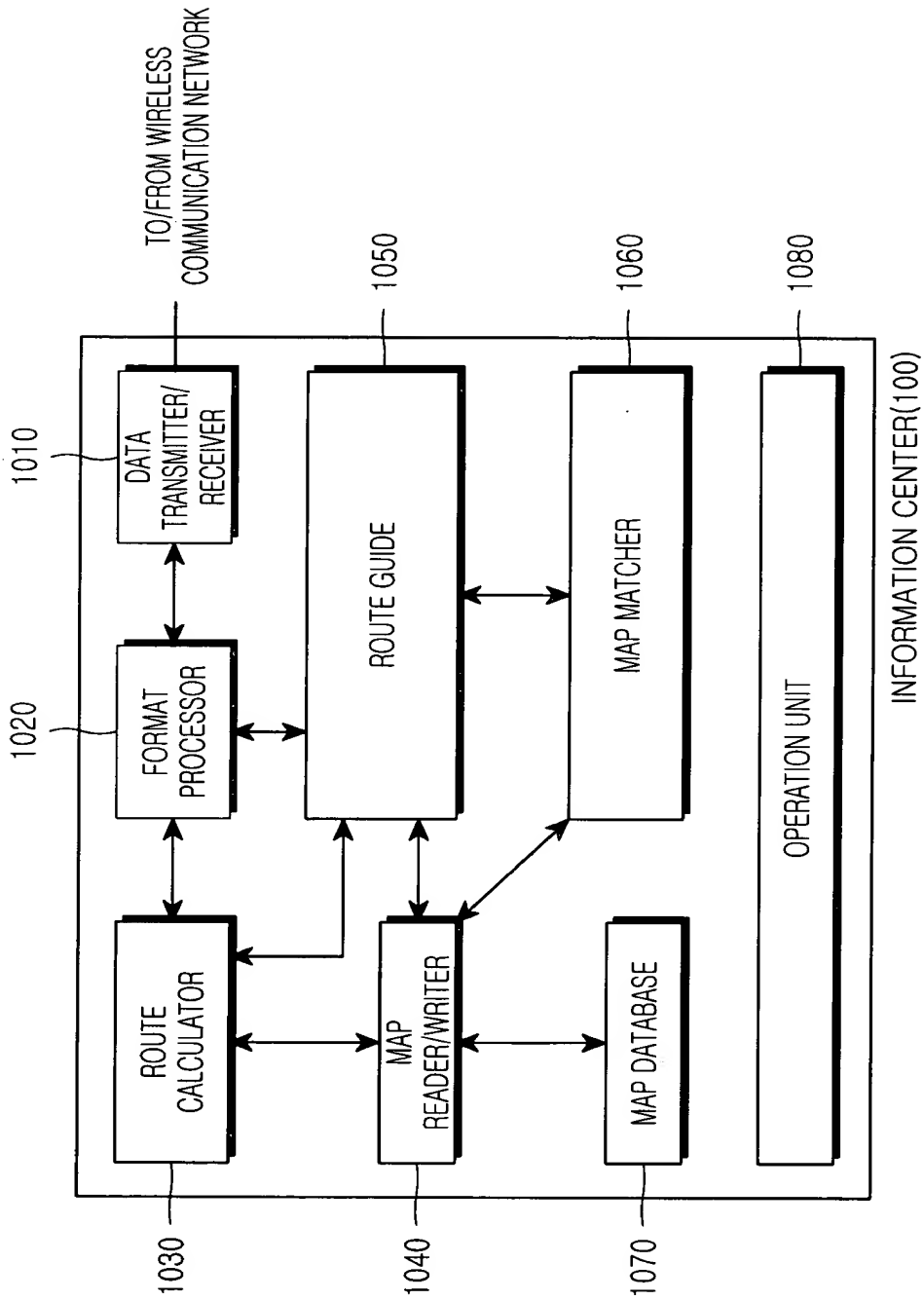


FIG.10



11/31

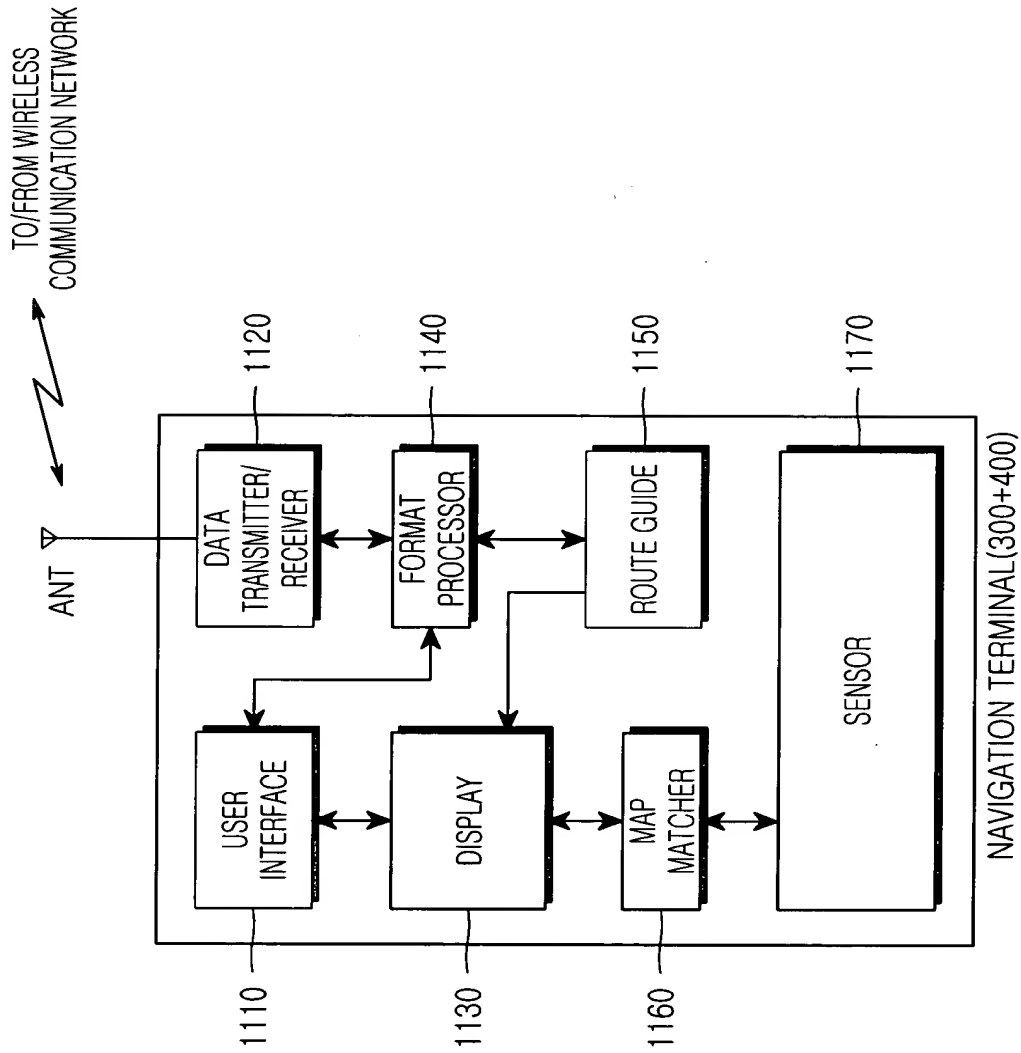
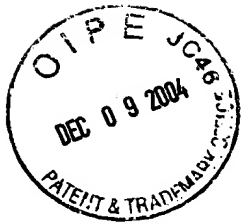


FIG.11



12/31

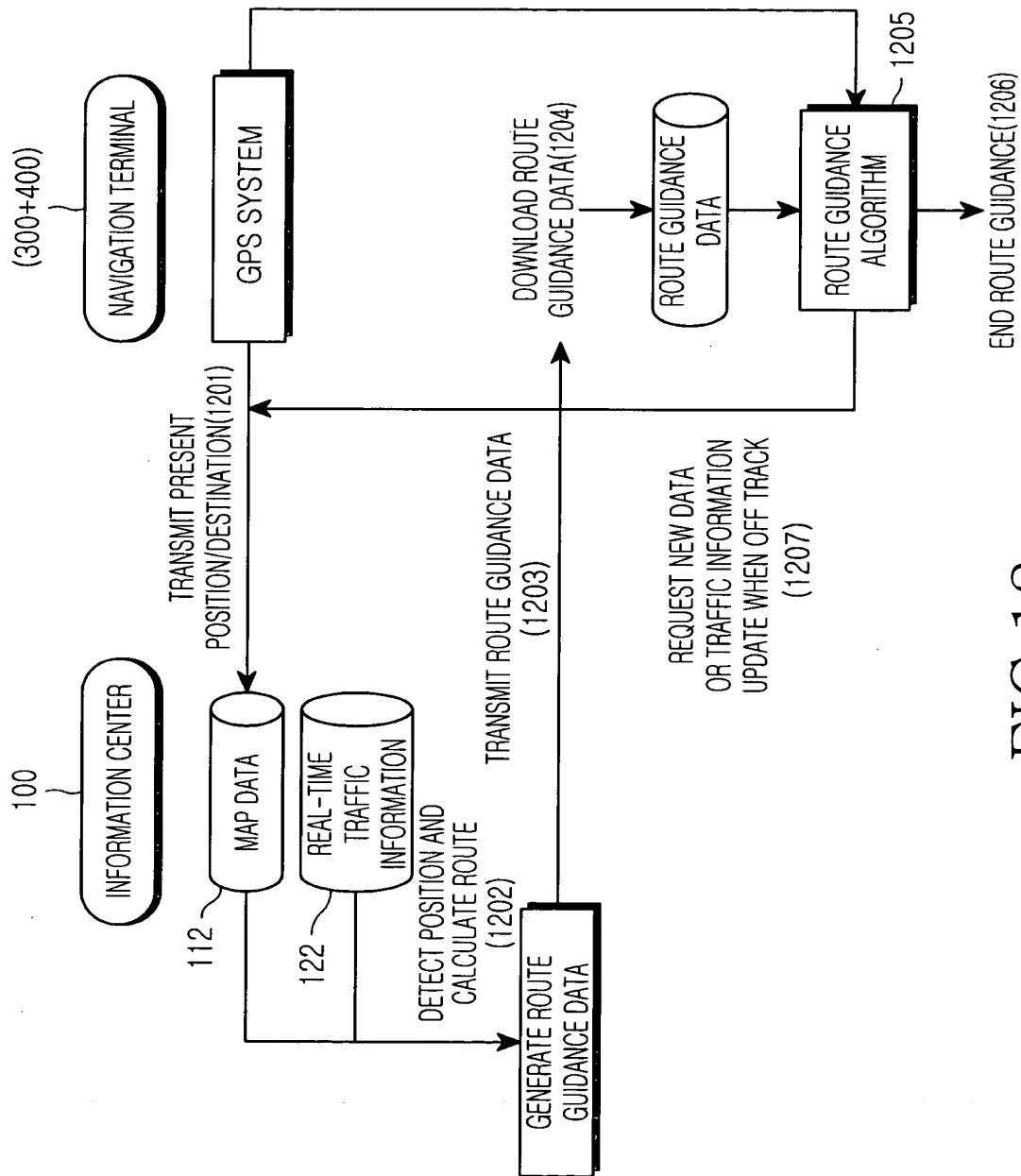


FIG.12



13/31

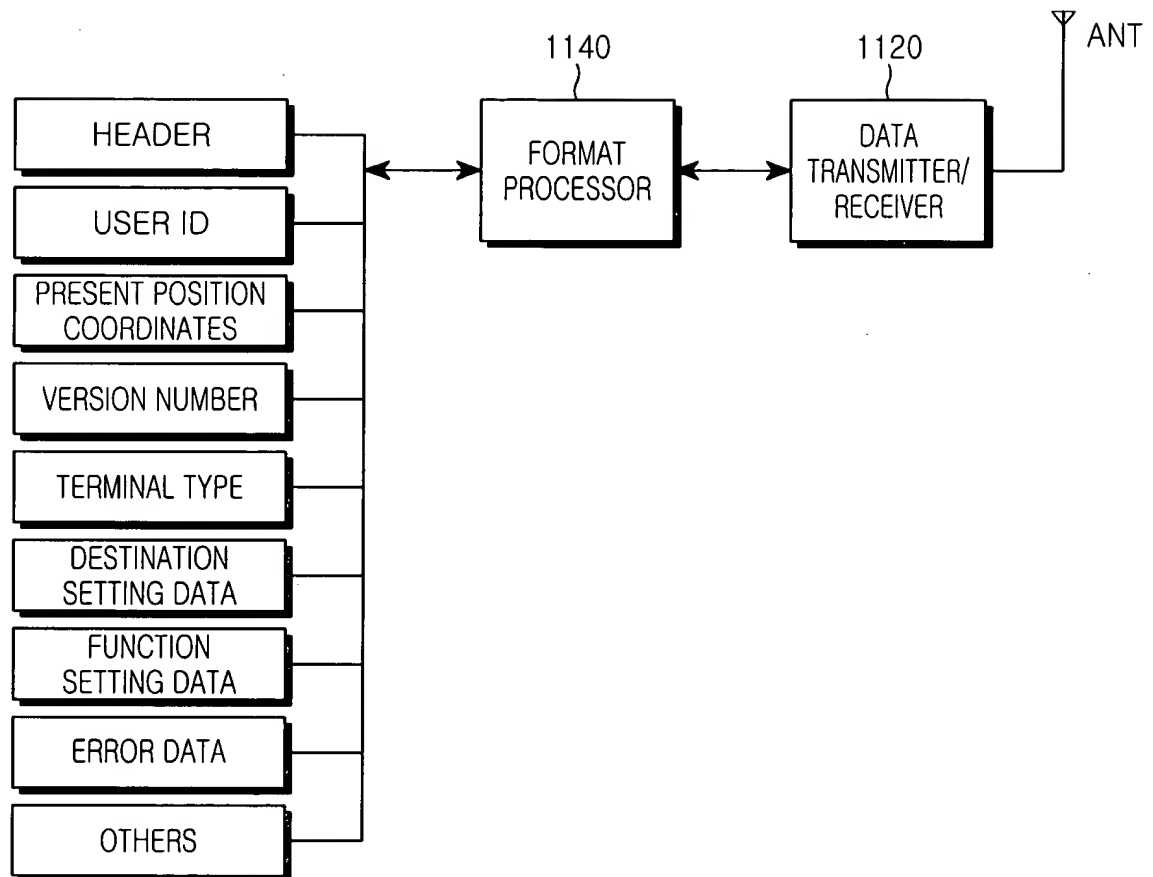
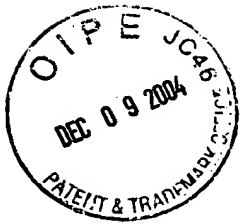


FIG.13



	HEADER
(NODE POINT) GUIDE POINT	INTERSECTION NAME
	ROAD TYPE
	LINK TYPE
	BEARING AT INTERSECTION
	X,Y COORDINATES IN MESH
(SHAPE POINT)	X,Y COORDINATES IN MESH
(SHAPE POINT)	X,Y COORDINATES IN MESH
(NODE POINT) GUIDE POINT	INTERSECTION NAME
	ROAD TYPE
	LINK TYPE
	BEARING AT INTERSECTION
	X,Y COORDINATES IN MESH
	. . .

FIG.14



15/31

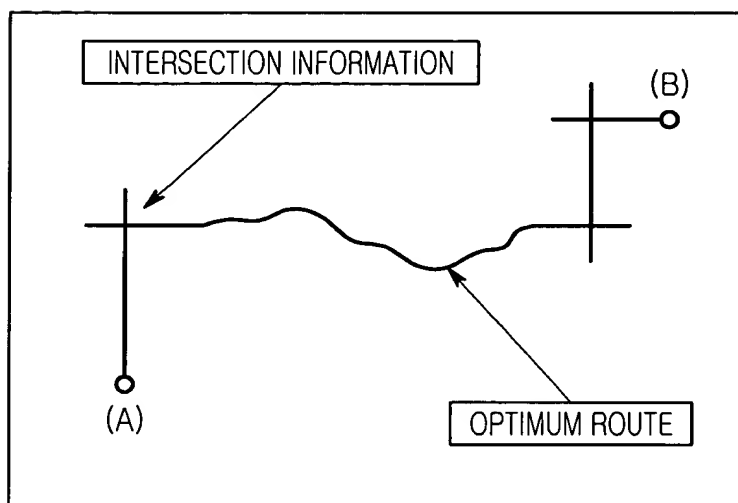


FIG.15

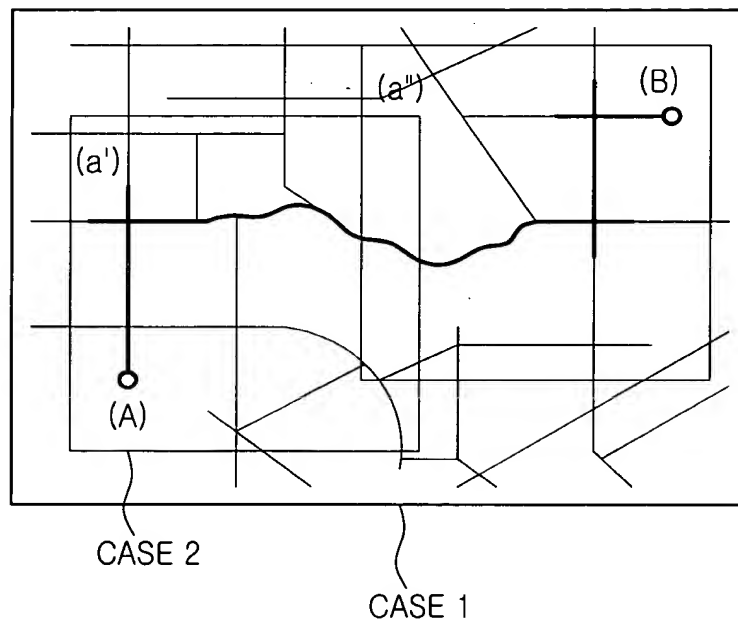


FIG.16



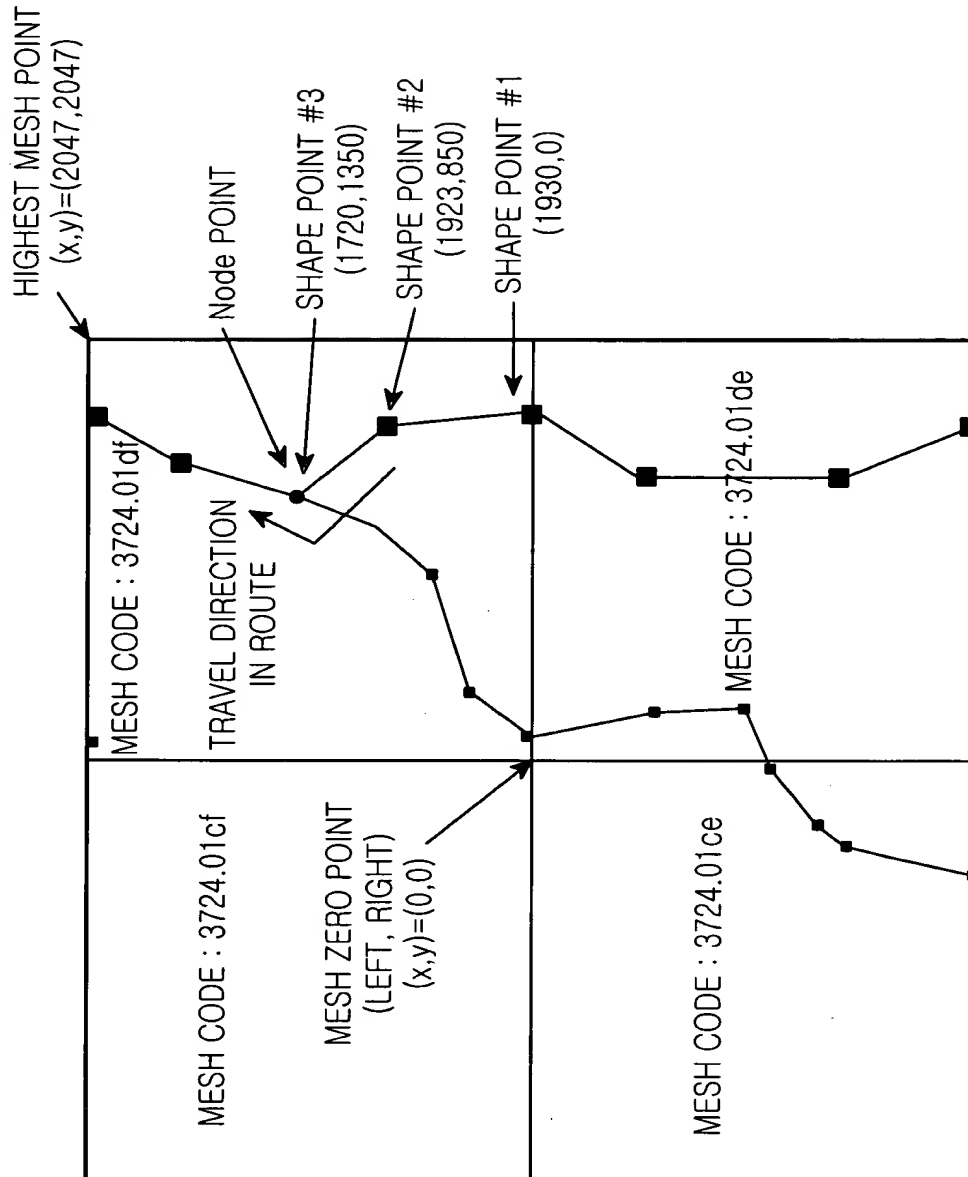


FIG.17

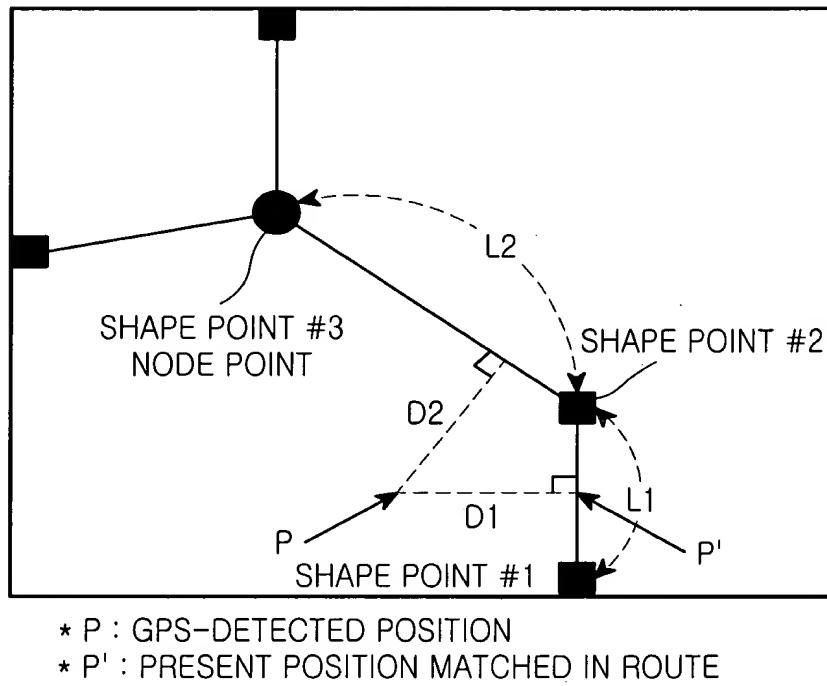


FIG.18

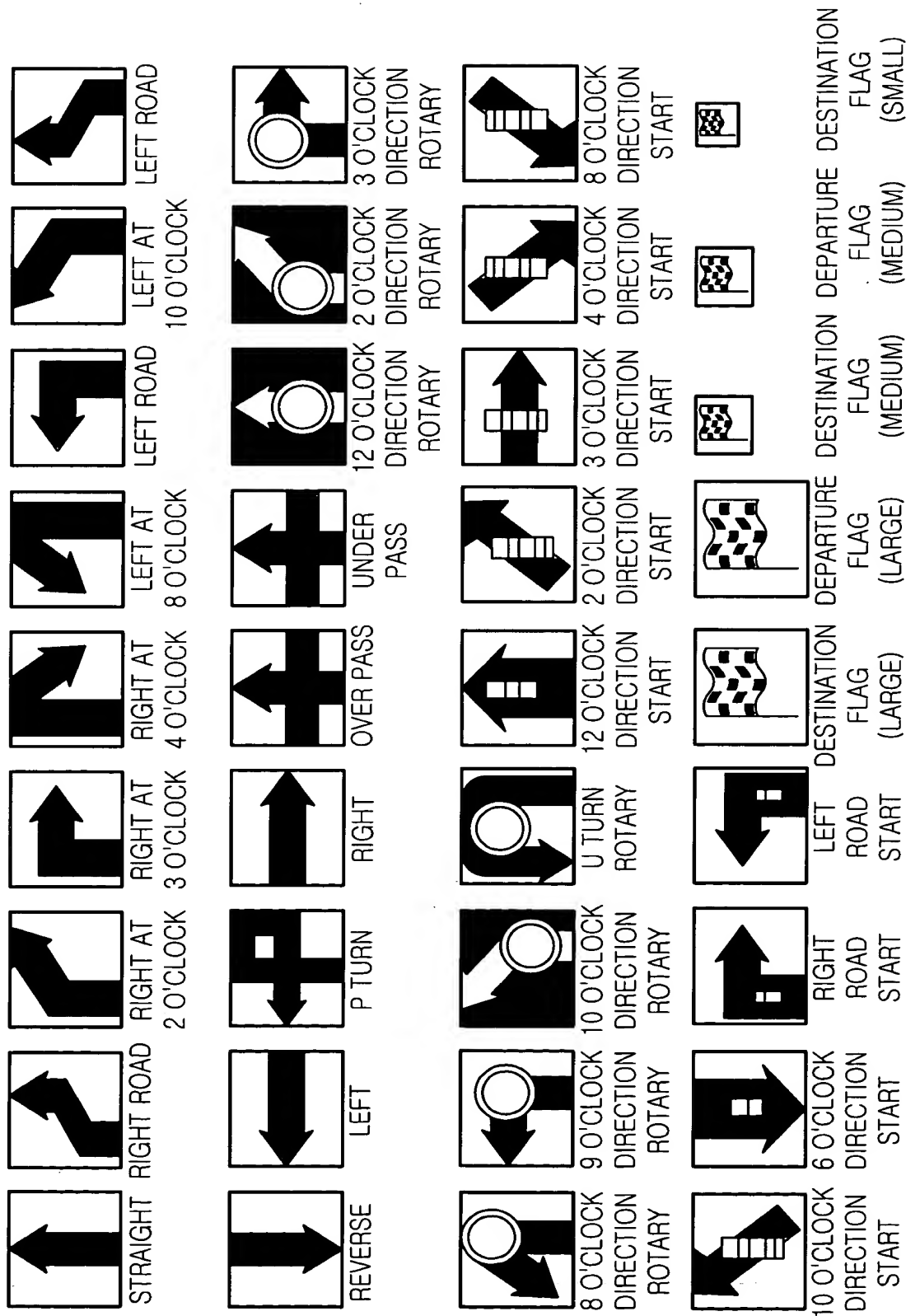


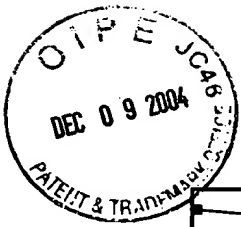
FIG.19



20/31

NO	DATA
1	100m AHEAD
2	200m AHEAD
3	• • • •
N	TURN RIGHT
N+1	• • • •
M	2 O'CLOCK DIRECTION

FIG.20



21/31

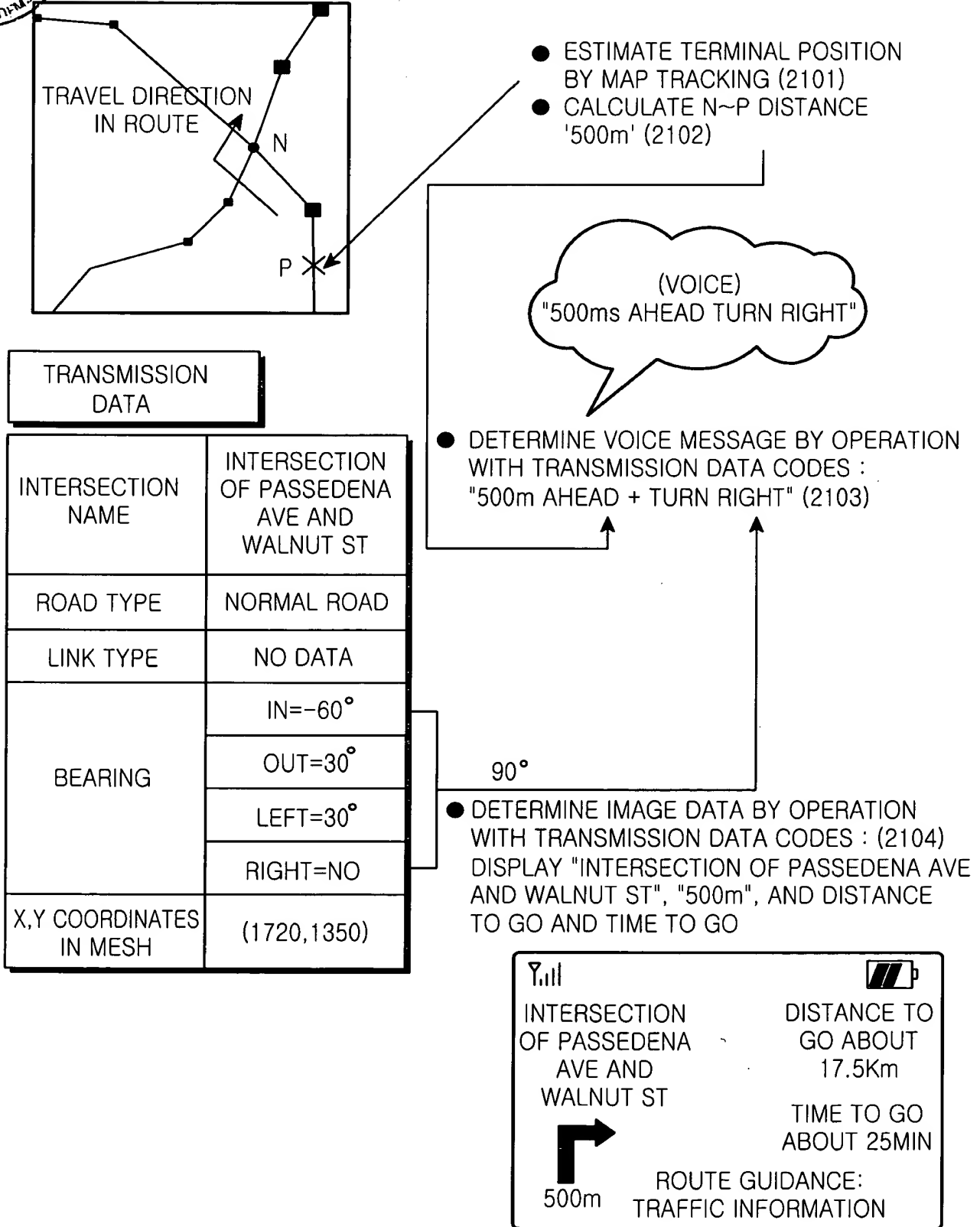


FIG.21



## 0. MODE CONVERSION INITIAL STATE

- SET/REGISTER
  - 1. DESTINATION SETTING
    - 0. HOME
    - 1-1. NEW SETTING
    - 1-2. ADD DESTINATION
    - 1.3 -DEPARTURE NEXT
      - PASSING 1 NEXT
      - ADD DESTINATION
    - 1-4. VIRTUAL TRAVEL
  - 2. REGISTER LOCATION
    - 0. HOME
    - 1-1 NEW SETTING
      - ① PRESENT POSITION
      - ② LOCATION SEARCH
      - ③ LATITUDE AND LONGITUDE
      - ④ PHONE NUMBER
    - 1-2 DELETE/AMEND
      - ① HONE
      - ② DELETE
      - ③ AMEND
      - ④ CHANGE NAME
- ROUTE GUIDE
  - 3. ROUTE SEARCH/GUIDE
    - 0. ROUTE SEARCH
    - 3-1. GUIDE
      - ① GUIDE DISPLAYS
      - ② ON TRACK
      - ③ OFF TRACK
      - ④ TRAFFIC INFORMATION CHANGE
      - ⑤ LINE BUSY(?)
    - 3-2. RE-SEARCH
  - 4. TRAFFIC INFORMATION (AUTOMATIC UPDATE)  
NOTIFICATION SETTING (AUTO, OFF, 5MIN, 10MIN, 30MIN)
- TRAFFIC INFORMATION
  - 5. TRAFFIC INFORMATION SEARCH
    - 5-1. NEIGHBORHOOD
    - 5-2. HIGHWAY SECTIONS
    - 5-3. FREEWAYS
    - 5-4. BRIDGES
    - 5-5. TUNNELS
- AUXILIARY FUNCTION
  - 6. AUXILIARY FUNCTION
    - 6-1. GPS LATITUDE AND LONGITUDE COORDINATES
    - 6-2. SENSOR INFORMATION
    - 6-3. NAVIGATION VERSION (CHECK)

FIG.22

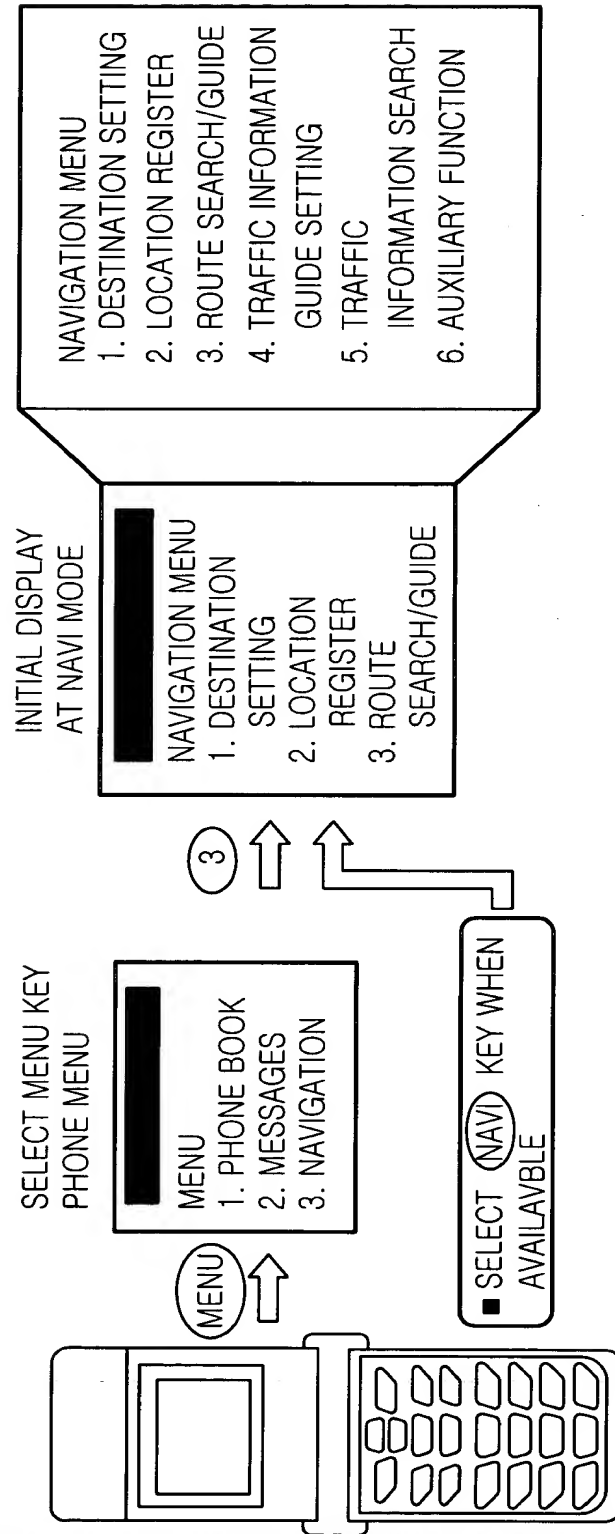


FIG.23



24/31

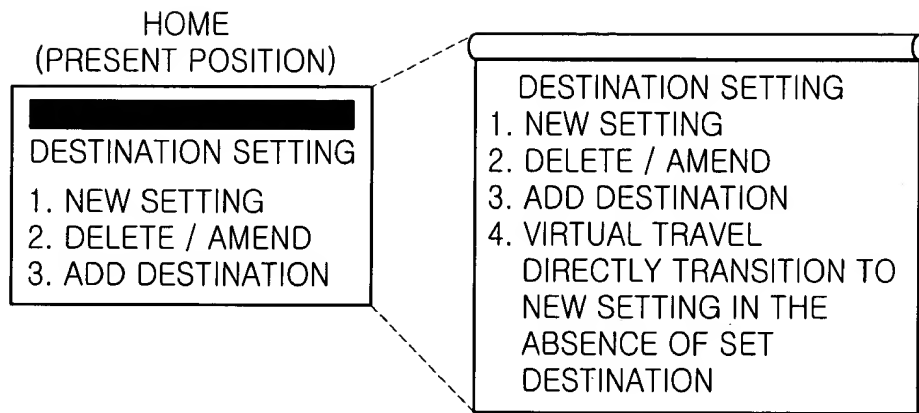


FIG.24



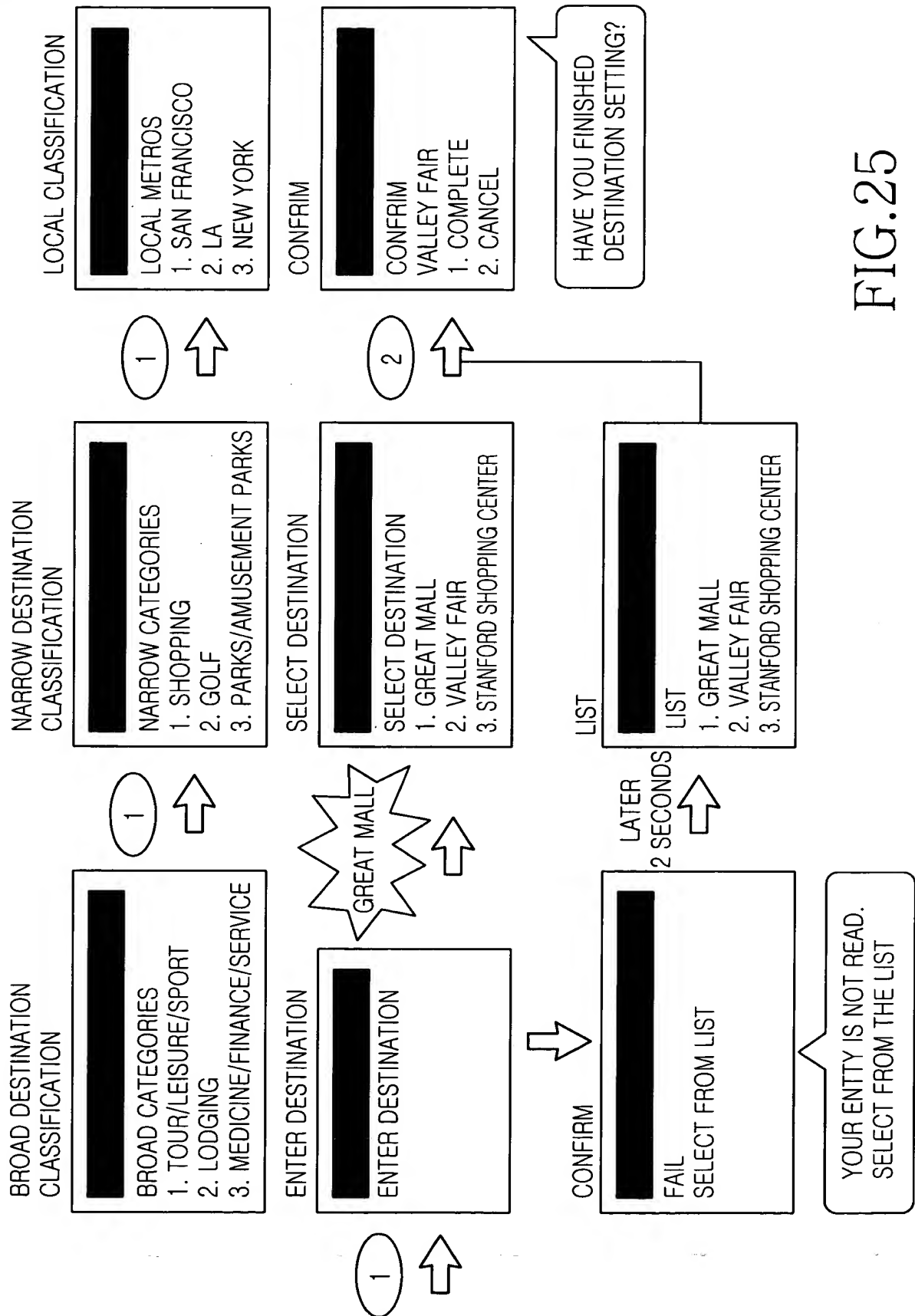


FIG.25

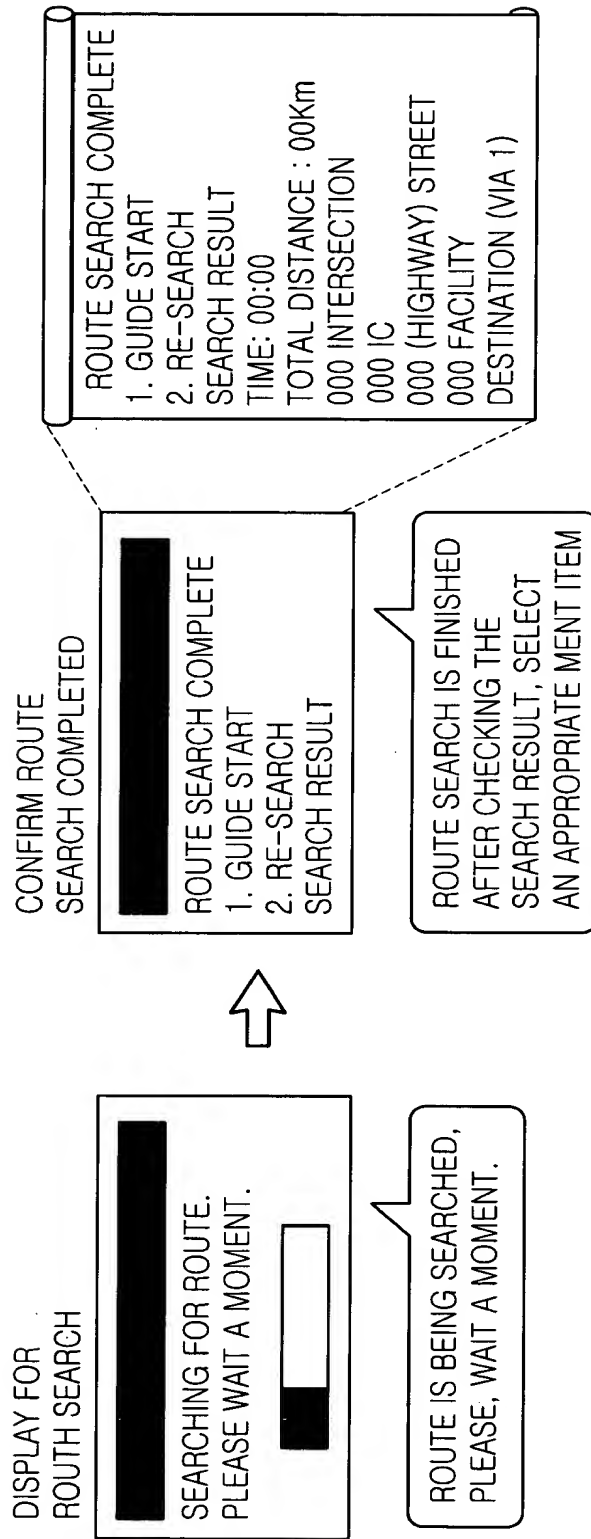


FIG.26



27/31

NOTIFICATION DISPLAY


<div></div>	
(POINT NAME)	TIME
	00:45
	DISTANCE
	60 Km
300 M	

FIG.27



28/31

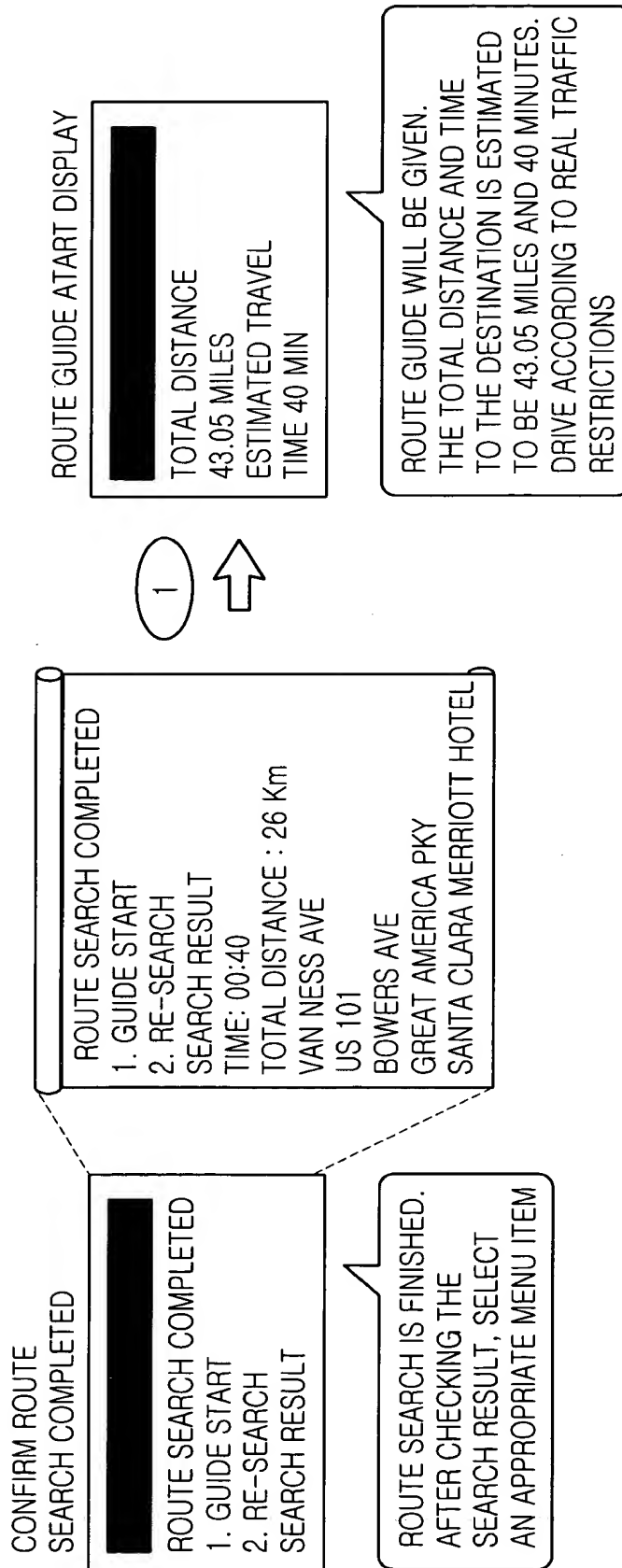


FIG.28

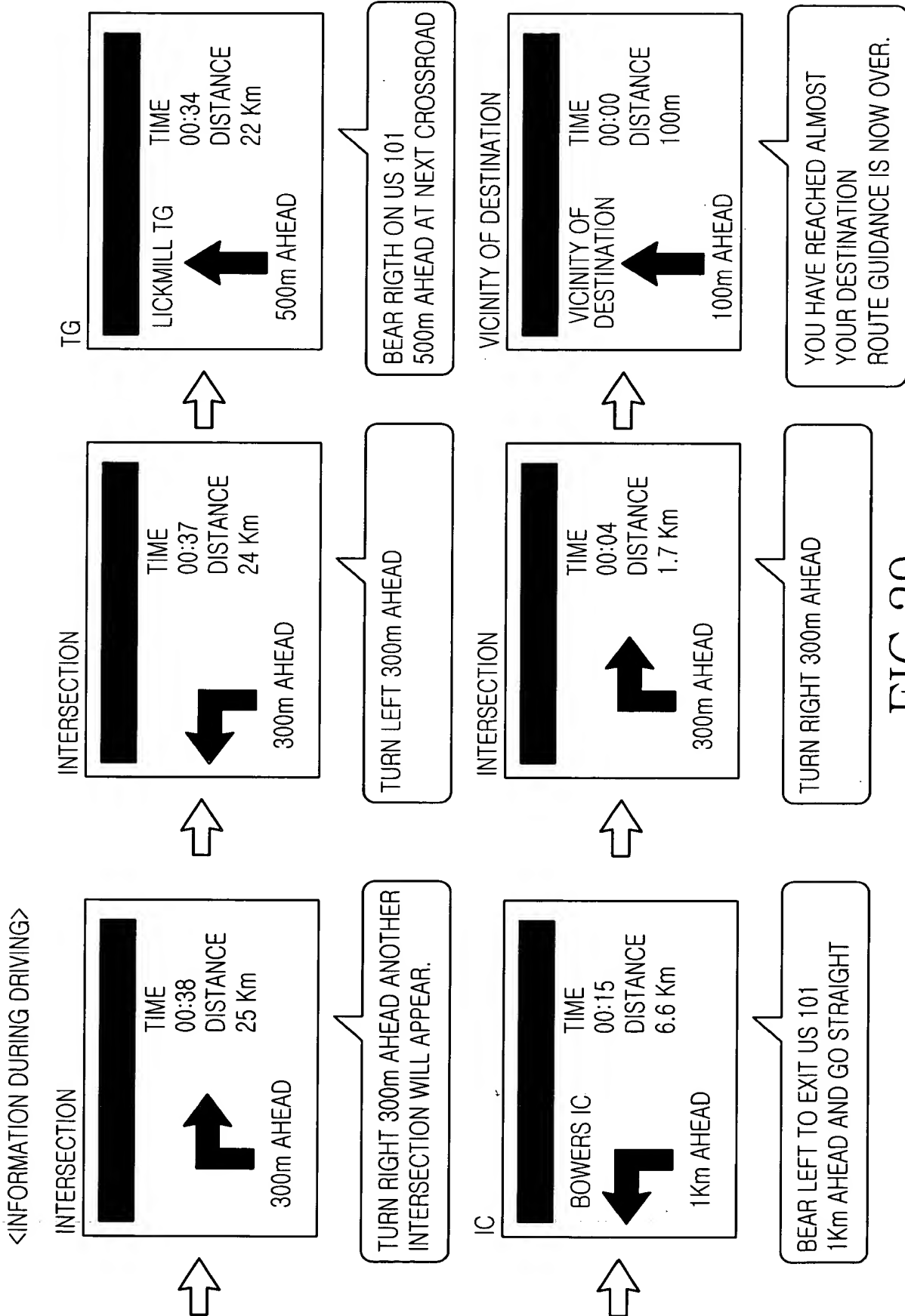
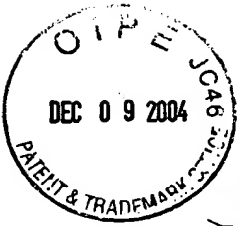


FIG.29



30/31

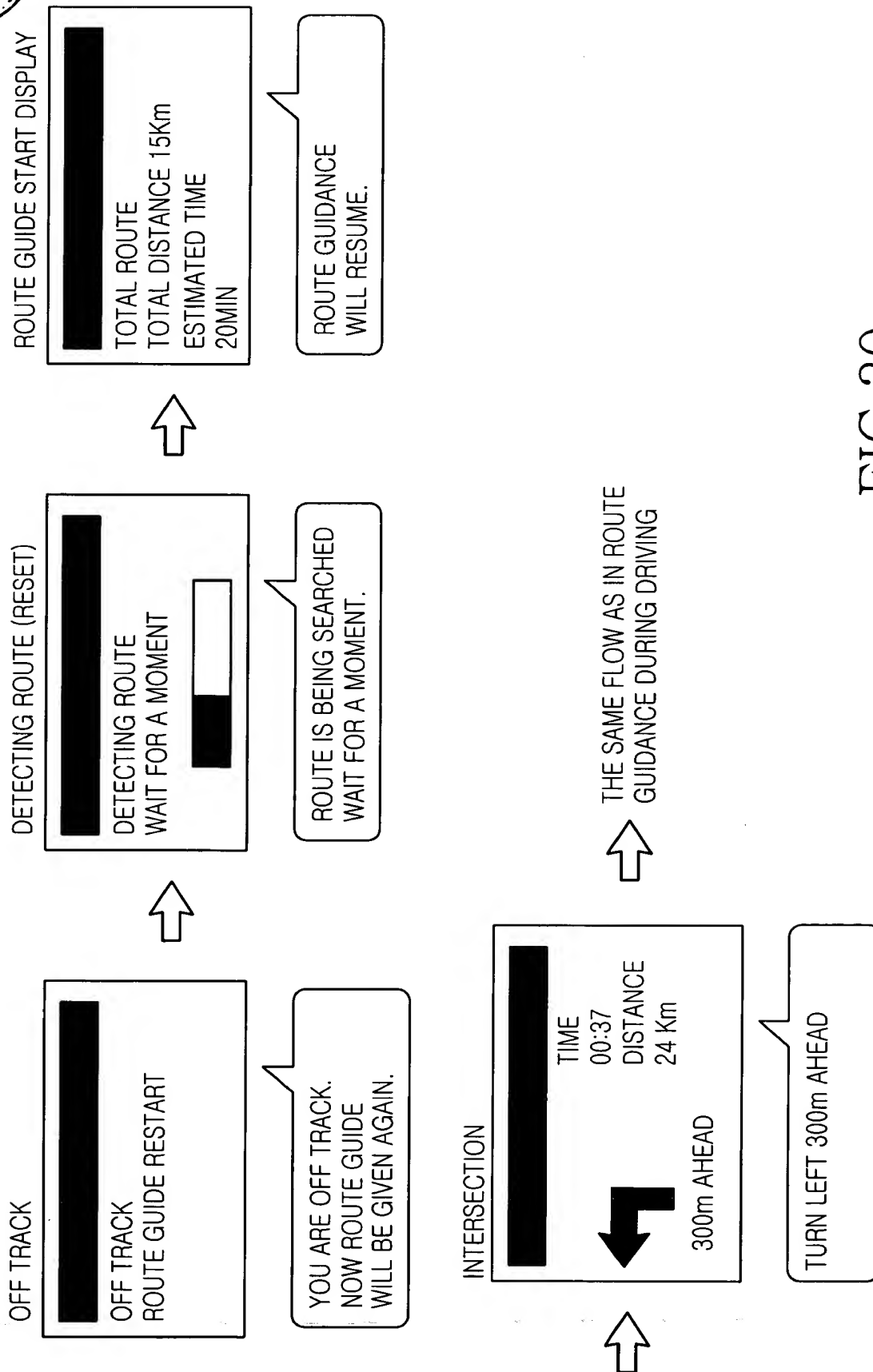


FIG.30

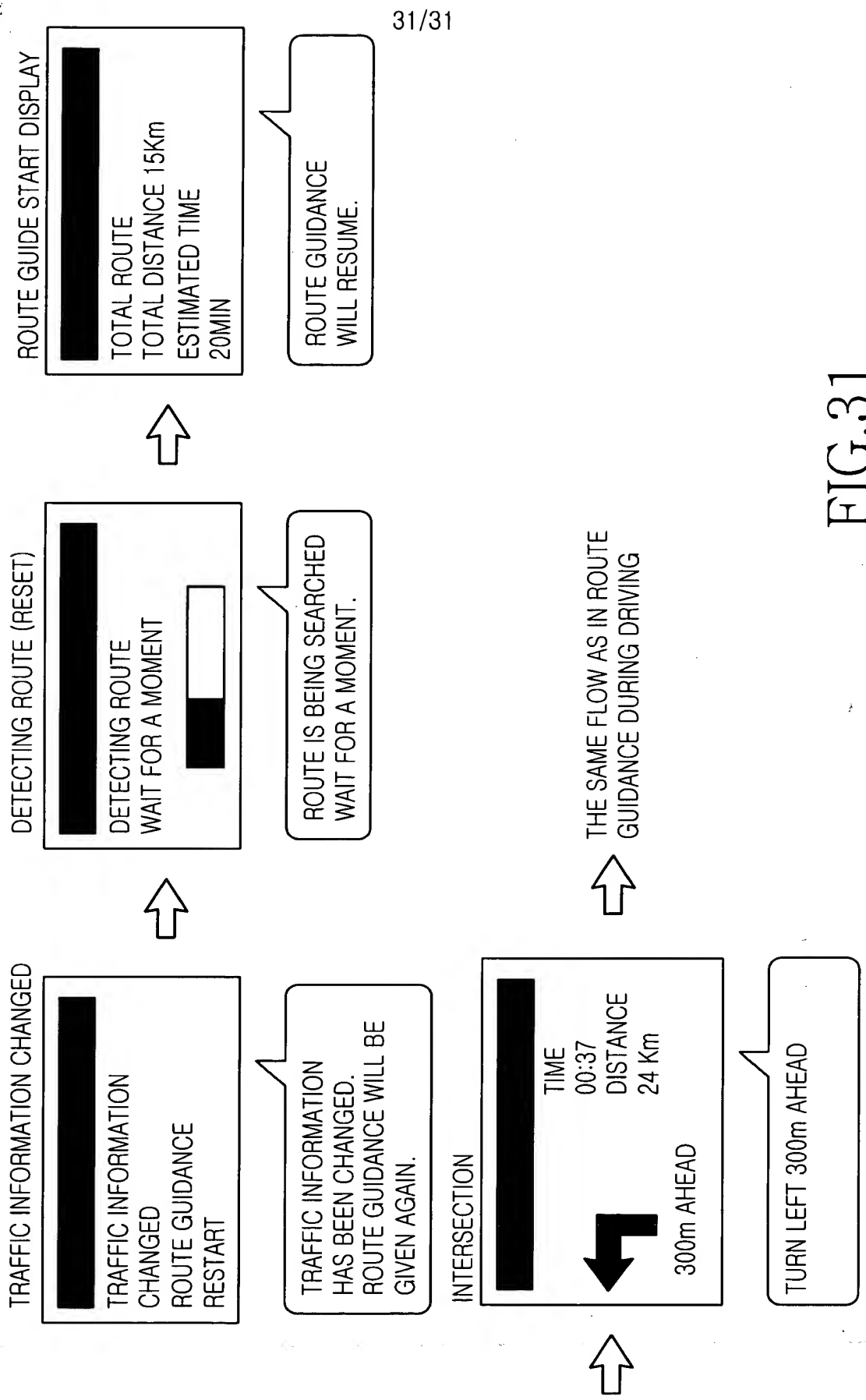


FIG.31